

FS 2.60/9:12/45

# Morbidity and Mortality

Weekly  
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 9, 1963

**POLIOMYELITIS**—Six cases of poliomyelitis, all paralytic, were reported for the week ending November 9. Two cases were reported from Georgia, and single cases were reported from Michigan, Alabama, Texas, and Florida. The nation's total thus far in 1963 remains well below one-half that reported for a comparable period last year.

Florida has reported 10 cases of paralytic poliomyelitis thus far in 1963. Of this total, 4 have occurred in Jacksonville. All 4 cases have yielded Type 1 polio virus. Of the 4 Jacksonville cases, 3, including the case reported this week, have ended fatally. All deaths have occurred within the past 4 weeks. The most recent case was a 28-year-old Jacksonville woman, an aunt of a 2-year-old male who died of poliomyelitis on October 25. All Jack-

sonville victims have been unvaccinated Negroes. Additional suspect cases are under surveillance.

Poliomyelitis (Cumulated Weekly) 1st Through 45th Week

	1963	1962	1961	1960	1959
Paralytic	313	615	787	2053	5189
Total	370	777	1210	2962	7858

Poliomyelitis (Six Week Totals) 40th Through 45th Week

	1963	1962	1961	1960	1959
Paralytic	64	142	193	480	1134
Total	76	159	287	672	1521

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
(Cumulative totals include revised and delayed reports through previous week)

Disease	45th Week			Cumulative		
	Ended November 9, 1963	Ended November 10, 1962	Median 1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis.....	41	35	---	1,627	2,267	---
Brucellosis .....	2	3	11	316	350	638
Diphtheria.....	6	7	17	232	382	630
Encephalitis, infectious.....	19	29	29	1,360	1,631	1,630
Hepatitis, infectious and serum.....	805	805	701	37,490	47,243	33,010
Measles.....	1,606	1,904	2,284	366,985	453,197	405,051
Meningococcal infections.....	38	32	32	2,071	1,841	1,966
Poliomyelitis, total.....	6	37	76	370	777	2,968
Paralytic.....	6	28	56	313	615	2,043
Nonparalytic.....	-	5	14	38	114	613
Unspecified.....	-	4	6	19	48	312
Streptococcal sore throat and Scarlet fever.....	6,042	4,691	---	291,015	269,244	---
Tetanus .....	10	9	---	242	251	---
Tularemia.....	2	9	---	259	253	---
Typhoid fever.....	8	11	12	472	554	731
Typhus fever, tick-borne, (Rocky Mountain spotted).....	2	3	---	172	214	---
Rabies in Animals.....	59	44	58	3,281	3,222	3,222

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:	Cum. 4	Psittacosis: Calif. - 1	Cum. 68
Botulism:	34		1
Malaria: N. M. - 5*, Kans. - 1	92	Rabies in Man:	-
Plague:	-	Smallpox:	-
		Typhus, murine:	26

\*Delayed Reports for 1 case 4-6; 3 cases 7-13; 1 case 9-21

## EPIDEMIOLOGICAL REPORTS

**Botulism - Smoked Fish Products - United States**

Smoked products made from Great Lakes fish or processed in establishments in the Great Lakes region henceforth will be stored and distributed as a frozen food, according to a release made jointly by the National Fisheries Institute and the Food & Drug Administration.

This action follows the Food & Drug Administration's recommendation three weeks ago that all products made from such fish then on the market should be destroyed (see MMWR, Vol. 12, p. 358).

The distribution of smoked fish as a frozen item is considered safe because the botulism toxin is not known to develop below freezing temperature, according to the FDA. Because the near-zero temperatures normally expected of perishable frozen foods may adversely affect the quality of certain smoked fish products, such frozen smoked fish will be distributed under conditions which will assure that it is held at all times in the frozen state, but not necessarily at the low temperatures generally employed for other frozen prepared foods. Available facts indicate that no additional protection would be afforded by the lower temperatures, as long as the product is maintained continuously in the frozen state, according to the FDA. (Distribution of the fish according to the above manner will be subject to certain State and local requirements, however, which may specify temperatures at or near zero.)

The FDA considers these measures adequate to prevent botulism while technological studies are being made to develop practices for long-range application.

**Dengue Fever - Florida**

A case of dengue fever in a 28-year-old, white female who had visited Puerto Rico has been reported from Florida. While in San Juan, this patient consulted a physician because of her complaints of fever, eyeball pain, sweating, and weakness. The next day she returned to Miami. A scarlatiniform rash appeared on the fourth day of her illness.

Blood specimens collected in Florida on the third and fourth days of illness were examined for St. Louis and Dengue I HI antibodies. The results are as follows:

<u>Day of Illness</u>	<u>St. Louis</u>	<u>Dengue I</u>
3	1:20	< 1:20
4	1:160	> 1:160

Because the patient had been in Puerto Rico for the 18 days prior to the onset of her symptomatology, the case has been classified by Florida officials as one of imported dengue fever.

No secondary cases of dengue are known to have occurred in Florida.

(Reported by C. M. Sharp, M.D., Acting Director, Bureau of Preventable Diseases, Florida State Board of Health; John E. Davies, M.D., Director of Research and Epidemiology, Florida State Board of Health; and Dr. William Pond, University of Miami Infectious Disease Research Laboratory.)

**Editor's Note:** This is the 16th imported case of clinical dengue fever reported to the Communicable Disease Center thus far in 1963. Other cases occurred in Michigan, New York, and Minnesota (see MMWR, Vol. 12, pp. 270, 308, and 310). All victims are believed to have acquired the disease while in either Jamaica or Puerto Rico where there have been epidemics of dengue-like fever.

**Microsporum canis - Nebraska**

Within five days after the acquisition of a kitten, six children in one family developed ringworm-like lesions which appeared over the trunk and extremities. No lesions occurred in the hair. Fluorescence occurred upon examination under a Woods lamp. On culture, the lesions grew *Microsporum canis*.

This family had purchased the kitten from a local kennel in another section of the city, and because of the temporal relationship the family reported this incident. A health department representative was scratched by a playful kitten during his investigation of the kennel; he could not find evidence of lesions at that time.

Less than two weeks later, the investigator was bothered by two itchy, distinct, slightly raised, dime-shaped lesions at the site of the cat scratch. The investigator was puzzled until he read the report of the cultures from the above family. He suspected that he, too, was a victim of the same disease. Woods lamp fluorescent was positive. Cultures confirmed his suspicion.

Another investigator discovered that a family of eight children also had been victims of *Microsporum canis*, proved by culture, which likewise had recently acquired a kitten from the same kennel. These two families lived in different sections of the city and their only mutual contact was the kittens acquired from the same kennel. This investigator also became a victim of this infection.

The kittens were cultured and growth revealed *Microsporum canis* from the axillary and inguinal hairs, areas where apparently the sun did not kill the organism.

The kennel was found to be unlicenced and operating in an area which was not zoned for such business; subsequently, it has been closed. A humane society employee, who came to remove the kittens from the kennel, became the third adult victim.

At least 18 cases, including the two health department investigators and the humane society worker were uncovered in the investigation. One secondary case included in this total occurred in the child of one of the investigators. There were no pets in his family and it is presumed that the case was acquired from the father.

Of interest is the fact that all the children in each of these two families acquired the infection — that is, six of the six in the first family and eight of the eight in the second family.

(Reported by E. D. Lyman, M.D., M.P.H., Health Director, Omaha-Douglas County Health Department, E. A. Rogers, M.D., Director of Health, Nebraska State Department of Health, and an EIS Officer.)

#### Poliomyelitis Surveillance Summary - 1962

There were 683 cases of paralytic poliomyelitis submitted on individual case forms to the Poliomyelitis Surveillance Unit of the Communicable Disease Center during 1962. These cases have been corrected for verification of diagnosis 60 days or longer after onset of illness. When such a follow-up report was not submitted, the preliminary diagnosis has been retained.

The paralytic cases are presented in the following table by age group and vaccination history. The table includes 666 cases with residual paralysis at 60 days, plus 17 cases with a preliminary diagnosis of paralytic poliomyelitis for which no 60-day report was received.

Of the 683 paralytic cases, 49 percent occurred in pre-school age children, compared to 39 percent in 1961 and 43 percent in both 1960 and 1959. The paralytic cases are presented in the following table by age group and history of immunization with inactivated poliomyelitis vaccine.

TABLE 1  
1962 PARALYTIC POLIOMYELITIS IN THE UNITED STATES  
BY DOSES OF INACTIVATED VACCINE AND AGE GROUP

Age Group	Doses of Inactivated Vaccine							Percent
	0	1	2	3	4+	Unknown	Total	
0-4	240	26	26	17	21	8	338	49.5
5-9	68	7	9	26	26	3	139	20.4
10-14	23	5	10	17	13	2	70	10.2
15-19	12	1	2	6	4	1	26	3.8
20-29	39	4	3	2	2	2	52	7.6
30-39	25	3	3	2	2	1	36	5.3
40+	18	0	2	0	1	1	22	3.2
Total	425	46	55	70	69	18	683	100.0
Percent Doses	63.9	6.9	8.3	10.5	10.4	—	100.0	

There were 47 fatalities attributed to poliomyelitis for 1962, 43 of whom had bulbar involvement.

The fatalities are presented in the following table by age group and by history of immunization with inactivated poliomyelitis vaccine, together with the paralytic case fatality rate (per 100) for each age group.

(continued on page 384)

#### TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending November 9 was 11,233 as compared with an expected weekly average of 11,306.

#### TOTAL DEATHS RECORDED IN 108 UNITED STATES CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	10/19	10/26	11/2	11/9		
Observed	11,372	11,235	11,077	11,247	44,931	11,233
Expected	11,104	11,204	11,385	11,532	45,225	11,306
Excess	268	31	-308	-285	-294	-73

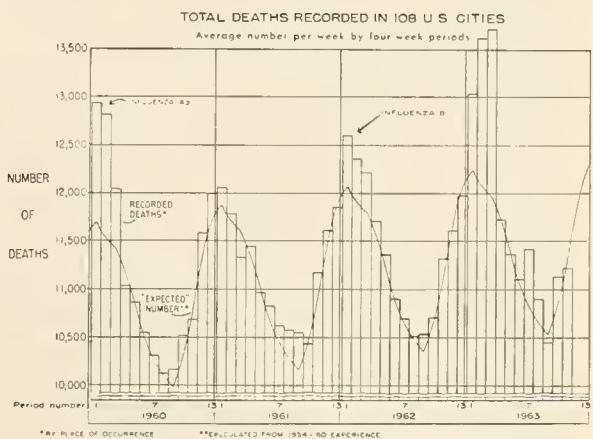


Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES—UNITED STATES  
FOR WEEKS ENDED

NOVEMBER 9, 1963 AND NOVEMBER 10, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	45th week		Cumulative First 45 weeks		45th week		Cumulative First 45 weeks		45th week		45th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES.....	6	37	370	777	6	28	313	615	-	5	41	35
NEW ENGLAND.....	-	1	8	8	-	-	8	7	-	1	-	-
Maine.....	-	-	2	-	-	-	2	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	1	1	1	-	-	1	-	-	1	-	-
Massachusetts.....	-	-	3	6	-	-	3	6	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	2	1	-	-	2	1	-	-	-	-
MIDDLE ATLANTIC.....	-	-	114	75	-	-	90	54	-	-	5	3
New York.....	-	-	9	57	-	-	6	39	-	-	4	1
N.J. Jersey.....	-	-	4	7	-	-	3	7	-	-	-	-
Pennsylvania.....	-	-	101	11	-	-	81	8	-	-	1	2
EAST NORTH CENTRAL.....	1	10	53	119	1	8	42	88	-	1	8	5
Ohio.....	-	-	8	19	-	-	4	17	-	-	-	-
Indiana.....	-	2	4	20	-	2	3	16	-	-	-	-
Illinois.....	-	5	17	53	-	4	16	37	-	-	6	4
Michigan.....	1	2	16	19	1	2	16	15	-	-	2	-
Wisconsin.....	-	1	8	8	-	-	3	3	-	1	-	1
WEST NORTH CENTRAL.....	-	-	6	38	-	-	5	27	-	-	-	4
Minnesota.....	-	-	4	7	-	-	4	7	-	-	-	3
Iowa.....	-	-	-	7	-	-	-	3	-	-	-	1
Missouri.....	-	-	-	10	-	-	-	5	-	-	-	-
North Dakota.....	-	-	1	5	-	-	-	3	-	-	-	-
South Dakota.....	-	-	-	1	-	-	-	1	-	-	-	-
Nebraska.....	-	-	1	8	-	-	1	8	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	3	9	68	67	3	6	57	57	-	-	2	2
Delaware.....	-	-	1	-	-	-	1	-	-	-	-	-
Maryland.....	-	1	3	2	-	-	1	1	-	-	-	-
District of Columbia..	-	-	1	2	-	-	-	1	-	-	-	-
Virginia.....	-	-	19	8	-	-	13	8	-	-	2	2
West Virginia.....	-	4	3	9	-	4	3	9	-	-	-	-
North Carolina.....	-	2	3	13	-	2	3	11	-	-	-	-
South Carolina.....	-	-	7	6	-	-	6	6	-	-	-	-
Georgia.....	2	2	21	16	2	-	20	13	-	-	-	-
Florida.....	1	-	10	11	1	-	10	8	-	-	-	-
EAST SOUTH CENTRAL.....	1	3	69	70	1	3	64	58	-	-	1	4
Kentucky.....	-	3	1	29	-	3	1	23	-	-	-	3
Tennessee.....	-	-	8	10	-	-	8	5	-	-	1	1
Alabama.....	1	-	52	22	1	-	47	22	-	-	-	-
Mississippi.....	-	-	8	9	-	-	8	8	-	-	-	-
WEST SOUTH CENTRAL.....	1	7	26	302	1	5	25	235	-	2	2	7
Arkansas.....	-	4	5	18	-	3	4	17	-	1	-	1
Louisiana.....	-	1	14	25	-	1	14	22	-	-	-	-
Oklahoma.....	-	-	-	21	-	-	-	16	-	-	1	-
Texas.....	1	2	7	238	1	1	7	180	-	1	1	6
MOUNTAIN.....	-	3	5	18	-	3	4	14	-	-	2	1
Montana.....	-	-	-	4	-	-	-	3	-	-	-	-
Idaho.....	-	-	1	2	-	-	1	1	-	-	-	-
Wyoming.....	-	-	-	2	-	-	-	1	-	-	-	-
Colorado.....	-	1	-	3	-	1	-	2	-	-	1	1
New Mexico.....	-	2	1	2	-	2	-	2	-	-	-	-
Arizona.....	-	-	3	3	-	-	3	3	-	-	1	-
Utah.....	-	-	-	2	-	-	-	2	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	-	4	21	80	-	3	18	75	-	1	21	9
Washington.....	-	-	2	5	-	2	5	-	-	2	2	2
Oregon.....	-	1	2	6	-	-	1	5	-	1	-	1
California.....	-	3	17	69	-	3	15	65	-	-	19	6
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	5	12	-	-	4	12	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
NOVEMBER 9, 1963 AND NOVEMBER 10, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum			Measles		
	45th week 1963	Cumulative 45 weeks 1963	45th week 1963	Cumulative 45 weeks 1963	45th week 1963	1962	45th week		Total 1963	1963	1962	
							Under 20 yr.	20 & over				
UNITED STATES.....	2	316	6	232	19	29	395	344	805	805	1,606	1,904
NEW ENGLAND.....	-	1	-	8	1	3	61	30	96	105	93	116
Maine.....	-	-	-	-	-	-	35	10	45	41	3	24
New Hampshire.....	-	-	-	-	-	-	11	7	20	4	-	16
Vermont.....	-	1	-	-	-	-	-	1	1	-	-	11
Massachusetts.....	-	-	-	6	-	-	8	8	17	47	21	40
Rhode Island.....	-	-	-	2	1	2	1	-	1	2	22	-
Connecticut.....	-	-	-	-	-	1	6	4	12	11	47	25
MIDDLE ATLANTIC.....	-	7	-	22	5	6	75	72	147	176	312	235
New York.....	-	4	-	13	4	2	43	48	91	86	93	59
New Jersey.....	-	1	-	4	-	-	12	11	23	28	89	39
Pennsylvania.....	-	2	-	5	1	4	20	13	33	62	130	137
EAST NORTH CENTRAL.....	1	40	3	29	4	3	69	69	147	143	301	809
Ohio.....	-	-	-	1	1	1	14	16	30	41	69	139
Indiana.....	-	6	2	10	-	-	7	4	13	11	44	10
Illinois.....	1	21	1	13	1	2	21	19	42	35	44	24
Michigan.....	-	5	-	3	2	-	25	24	49	52	88	284
Wisconsin.....	-	8	-	2	-	-	2	6	13	4	56	352
WEST NORTH CENTRAL.....	-	168	-	39	-	2	14	10	34	42	56	77
Minnesota.....	-	9	-	15	-	1	1	5	7	9	2	18
Iowa.....	-	125	-	1	-	-	2	2	5	11	20	-
Missouri.....	-	12	-	1	-	-	3	2	7	14	3	11
North Dakota.....	-	-	-	2	-	1	5	-	5	1	11	33
South Dakota.....	-	10	-	12	-	-	-	-	2	-	20	-
Nebraska.....	-	6	-	8	-	-	3	1	4	6	-	15
Kansas.....	-	6	-	-	-	-	-	-	4	1	NN	NN
SOUTH ATLANTIC.....	1	21	2	56	1	3	39	34	76	85	174	102
Delaware.....	-	-	-	-	-	-	1	-	1	2	-	16
Maryland.....	-	-	-	-	1	-	5	2	7	5	30	5
District of Columbia..	-	-	-	1	-	-	-	2	2	4	36	-
Virginia.....	1	11	-	-	-	-	7	5	12	11	10	11
West Virginia.....	-	-	-	1	-	-	10	4	16	17	59	32
North Carolina.....	-	4	2	5	-	1	13	11	24	21	6	9
South Carolina.....	-	-	-	17	-	-	1	-	1	-	26	-
Georgia.....	-	3	-	18	-	-	-	5	5	9	3	3
Florida.....	-	3	-	14	-	2	2	5	8	16	4	26
EAST SOUTH CENTRAL.....	-	14	-	20	-	4	37	25	63	63	120	85
Kentucky.....	-	3	-	-	1	-	16	12	29	20	86	13
Tennessee.....	-	6	-	3	-	3	14	8	22	25	30	66
Alabama.....	-	5	-	14	-	-	5	1	6	13	2	6
Mississippi.....	-	-	-	3	-	-	2	4	6	5	2	-
WEST SOUTH CENTRAL.....	-	35	1	49	-	2	27	16	44	48	53	47
Arkansas.....	-	8	-	2	-	1	-	2	2	6	-	2
Louisiana.....	-	8	1	31	-	-	8	2	11	10	-	3
Oklahoma.....	-	5	-	6	-	-	-	2	2	4	-	1
Texas.....	-	14	-	10	-	1	19	10	29	28	53	41
MOUNTAIN.....	-	9	-	5	1	-	16	10	58	29	176	179
Montana.....	-	-	-	-	-	-	1	2	3	-	113	25
Idaho.....	-	-	-	-	-	-	-	-	19	4	4	7
Wyoming.....	-	1	-	-	-	-	2	1	3	1	-	-
Colorado.....	-	-	-	3	-	-	5	1	8	7	9	60
New Mexico.....	-	-	-	2	1	-	3	-	3	5	NN	NN
Arizona.....	-	3	-	-	-	-	-	-	11	6	32	16
Utah.....	-	5	-	-	-	-	5	6	11	6	18	66
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	5
PACIFIC.....	-	21	-	4	7	6	57	78	140	114	321	254
Washington.....	-	-	-	1	-	-	2	7	9	27	84	116
Oregon.....	-	3	-	-	-	-	2	11	18	15	45	24
California.....	-	17	-	4	6	6	51	57	108	69	113	78
Alaska.....	-	-	-	-	-	-	1	2	3	2	74	20
Hawaii.....	-	1	-	-	-	-	1	1	2	1	5	16
Puerto Rico.....	-	1	-	12	-	-	5	2	7	15	14	17

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES—UNITED STATES  
FOR WEEKS ENDING

NOVEMBER 9, 1963 AND NOVEMBER 10, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia		Typhoid Fever		Rabies in Animals		
	45th wk.	Cumulative 45 weeks	45th week	45th wk.			45th wk.	45th wk.	Cumulative 45 weeks	45th week	45th week	Cumulative 45 weeks	
		1963	1963	1962	1963	1963		1963	1963	1963	1963	1962	1963
UNITED STATES....	38	2,071	6,042	4,691	10	2	2	8	472	59	44	3,281	
NEW ENGLAND....	1	125	916	411	-	-	-	-	-	-	-	31	
Maine.....	-	18	543	35	-	-	-	-	-	2	-	2	
New Hampshire.....	-	4	1	17	-	-	-	-	-	-	-	15	
Vermont.....	-	5	-	9	-	-	-	-	-	1	-	13	
Massachusetts.....	-	58	55	62	-	-	-	-	-	6	-	1	
Rhode Island.....	-	11	30	55	-	-	-	-	-	-	-	-	
Connecticut.....	1	29	287	233	-	-	-	-	-	3	-	-	
MIDDLE ATLANTIC....	7	284	220	258	-	-	1	2	85	2	7	107	
New York.....	5	135	181	152	-	-	-	1	44	2	4	79	
New Jersey.....	-	41	27	53	-	-	-	-	-	5	-	-	
Pennsylvania.....	2	108	12	53	-	-	1	1	36	-	3	28	
EAST NORTH CENTRAL...	2	317	440	373	-	-	-	-	5	60	5	6	
Ohio.....	1	83	86	98	-	-	-	4	26	4	5	293	
Indiana.....	-	46	68	42	-	-	-	-	7	-	-	47	
Illinois.....	1	63	72	38	-	-	-	1	11	1	1	70	
Michigan.....	-	92	127	121	-	-	-	-	11	-	-	47	
Wisconsin.....	-	33	87	74	-	-	-	-	5	-	-	42	
WEST NORTH CENTRAL...	3	126	224	117	1	-	-	-	26	20	6	858	
Minnesota.....	-	24	23	17	-	-	-	-	3	7	1	226	
Iowa.....	-	7	46	34	-	-	-	-	3	2	1	304	
Missouri.....	-	36	18	6	-	-	-	-	16	7	3	151	
North Dakota.....	1	14	67	33	-	-	-	-	-	1	-	33	
South Dakota.....	-	7	4	1	-	-	-	-	1	1	1	92	
Nebraska.....	-	25	-	1	1	-	-	-	1	1	-	31	
Kansas.....	2	13	66	25	-	-	-	-	2	1	-	21	
SOUTH ATLANTIC....	10	383	556	508	4	2	-	-	65	11	5	471	
Delaware.....	-	4	2	5	-	-	-	-	4	-	-	1	
Maryland.....	-	53	4	10	-	-	-	-	11	-	-	1	
Dist. of Columbia..	-	7	4	2	-	-	-	-	-	-	-	-	
Virginia.....	2	85	154	118	-	1	-	-	8	6	-	181	
West Virginia.....	-	20	179	198	-	-	-	-	7	-	5	111	
North Carolina....	2	70	28	54	-	-	-	-	10	1	-	16	
South Carolina....	-	20	78	15	-	-	-	-	6	-	-	10	
Georgia.....	3	33	6	6	3	1	-	-	2	2	-	77	
Florida.....	3	91	101	100	1	-	-	-	17	2	-	74	
EAST SOUTH CENTRAL...	1	145	1,046	799	4	-	-	1	66	3	6	248	
Kentucky.....	-	31	144	43	-	-	-	-	13	-	3	113	
Tennessee.....	1	67	827	659	2	-	-	1	26	3	3	115	
Alabama.....	-	24	28	9	2	-	-	-	11	-	-	20	
Mississippi.....	-	23	47	88	-	-	-	-	16	-	-	-	
WEST SOUTH CENTRAL...	3	186	576	580	1	-	1	-	85	12	4	628	
Arkansas.....	2	14	2	1	-	-	1	-	34	-	-	75	
Louisiana.....	-	74	2	3	-	-	-	-	25	2	-	47	
Oklahoma.....	-	31	8	7	1	-	-	-	6	-	-	53	
Texas.....	1	67	564	569	-	-	-	-	20	10	4	453	
MOUNTAIN....	1	73	1,164	757	-	-	-	-	18	1	-	127	
Montana.....	-	3	47	23	-	-	-	-	-	-	-	-	
Idaho.....	-	6	54	76	-	-	-	-	-	-	-	-	
Wyoming.....	-	7	144	22	-	-	-	-	-	-	-	-	
Colorado.....	-	20	425	225	-	-	-	-	6	-	-	16	
New Mexico.....	-	4	221	171	-	-	-	-	5	-	-	39	
Arizona.....	-	11	136	120	-	-	-	-	7	1	-	58	
Utah.....	-	18	137	120	-	-	-	-	-	-	-	3	
Nevada.....	1	4	-	-	-	-	-	-	-	-	-	11	
PACIFIC....	10	432	900	888	-	-	-	-	55	5	10	312	
Washington.....	1	39	169	198	-	-	-	-	3	-	-	-	
Oregon.....	-	32	29	28	-	-	-	-	2	1	-	13	
California.....	9	337	541	608	-	-	-	-	47	4	10	290	
Alaska.....	-	12	53	50	-	-	-	-	1	-	-	9	
Hawaii.....	-	12	108	4	-	-	-	-	2	-	-	-	
Puerto Rico.....	-	8	8	3	-	-	-	-	12	-	-	13	

Table 1 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)<sup>a</sup>

Area	For weeks ending				Area	For weeks ending			
	10/19	10/26	11/2	11/9		10/19	10/26	11/2	11/9
<b>NEW ENCLAND:</b>									
Boston, Mass.	278	224	253	219	SOUTH ATLANTIC:				
Bridgeport, Conn.	46	31	39	42	Atlanta, Ga.	129	98	138	124
Cambridge, Mass.	32	22	41	22	Baltimore, Md.	283	260	244	238
Fall River, Mass.	32	21	31	33	Charlotte, N.C.	36	39	36	33
Hartford, Conn.	54	54	29	25	Jacksonville, Fla.	63	75	63	82
Lowell, Mass.	44	11	24	15	Miami, Fla.	52	76	73	83
Lynn, Mass.	21	18	19	17	Norfolk, Va.	48	44	54	51
New Bedford, Mass.	20	22	24	31	Richmond, Va.	65	71	82	79
New Haven, Conn.	47	34	46	63	Savannah, Ga.	31	31	26	32
Providence, R.I.	87	69	59	75	St. Petersburg, Fla.	75	62	74	60
Somerville, Mass.	20	10	9	15	Tampa, Fla.	66	57	69	63
Springfield, Mass.	50	34	68	39	Washington, D.C.	190	188	189	196
Waterbury, Conn.	28	14	29	36	Wilmington, Del.	55	45	40	44
Worcester, Mass.	63	50	59	43					
<b>MIDDLE ATLANTIC:</b>									
Albany, N.Y.	50	34	41	54	EAST SOUTH CENTRAL:				
Allentown, Pa.	28	30	32	31	Birmingham, Ala.	81	89	73	90
Buffalo, N.Y.	144	149	118	117	Chattanooga, Tenn.	41	49	46	58
Camden, N.J.	31	54	41	38	Knoxville, Tenn.	51	27	46	32
Elizabeth, N.J.	25	21	29	34	Louisville, Ky.	139	133	140	101
Eric, Pa.	38	42	18	34	Memphis, Tenn.	107	127	130	141
Jersey City, N.J.	83	70	66	67	Mobile, Ala.	37	27	44	49
Newark, N.J.	98	107	78	107	Montgomery, Ala.	23	31	31	21
New York City, N.Y.	1,712	1,721	1,579	1,608	Nashville, Tenn.	72	107	81	98
Paterson, N.J.	52	45	44	36					
Philadelphia, Pa.	404	481	418	479	<b>WEST SOUTH CENTRAL:</b>				
Pittsburgh, Pa.	173	190	167	163	Austin, Tex.	39	30	38	40
Reading, Pa.	52	55	36	32	Baton Rouge, La.	30	29	34	34
Rochester, N.Y.	130	110	104	94	Corpus Christi, Tex.	20	16	30	15
Schenectady, N.Y.	25	29	25	37	Dallas, Tex.	137	105	112	148
Scranton, Pa.	40	34	44	33	El Paso, Tex.	25	36	28	44
Syracuse, N.Y.	66	55	58	58	Fort Worth, Tex.	77	61	68	53
Trenton, N.J.	43	43	36	41	Houston, Tex.	200	163	233	140
Utica, N.Y.	26	21	40	28	Little Rock, Ark.	47	43	78	46
Yonkers, N.Y.	19	36	30	36	New Orleans, La.	168	177	156	187
<b>EAST NORTH CENTRAL:</b>					Oklahoma City, Okla.	77	69	63	66
Akron, Ohio	67	54	61	52	San Antonio, Tex.	89	87	102	91
Canton, Ohio	34	21	33	26	Shreveport, La.	49	38	39	61
Chicago, Ill.	685	701	716	734	Tulsa, Okla.	94	43	49	78
Cincinnati, Ohio	155	153	158	159					
Cleveland, Ohio	220	185	212	200	<b>MOUNTAIN:</b>				
Columbus, Ohio	107	136	130	108	Albuquerque, N. Mex.	32	28	34	37
Dayton, Ohio	80	88	74	99	Colorado Springs, Colo.	16	20	17	12
Detroit, Mich.	333	336	320	334	Denver, Colo.	107	111	123	118
Evansville, Ind.	37	33	40	38*	Ogden, Utah	18	25	13	21
Flint, Mich.	34	53	41	40	Phoenix, Ariz.	76	89	78	80
Fort Wayne, Ind.	48	40	46	50	Pueblo, Colo.	14	17	14	15
Cary, Ind.	34	32	40	34	Salt Lake City, Utah	54	53	57	57
Grand Rapids, Mich.	37	56	52	56	Tucson, Ariz.	27	50	35	50
Indianapolis, Ind.	131	168	161	209					
Madison, Wis.	42	25	40	20	<b>PACIFIC:</b>				
Milwaukee, Wis.	113	121	113	106	Berkeley, Calif.	18	17	21	17
Peoria, Ill.	16	27	39	27	Fresno, Calif.	38	45	52	38
Rockford, Ill.	27	35	33	31	Glendale, Calif.	37	39	26	18
South Bend, Ind.	42	37	38	39	Honolulu, Hawaii	41	43	40	43
Toledo, Ohio	100	113	88	94	Long Beach, Calif.	59	72	51	60
Youngstown, Ohio	53	67	57	58	Los Angeles, Calif.	507	542	486	523
<b>WEST NORTH CENTRAL:</b>					Oakland, Calif.	94	70	73	94
Des Moines, Iowa	60	52	64	50	Pasadena, Calif.	29	40	27	23
Duluth, Minn.	33	20	19	29	Portland, Oreg.	135	107	125	122
Kansas City, Kans.	40	37	34	49	Sacramento, Calif.	59	63	49	55
Kansas City, Mo.	125	149	156	132	San Diego, Calif.	102	99	84	80
Lincoln, Nebr.	24	37	15	27	San Francisco, Calif.	207	191	185	193
Minneapolis, Minn.	121	128	128	113	San Jose, Calif.	39	35	42	36
Omaha, Nebr.	58	82	71	89	Seattle, Wash.	132	133	147	162
St. Louis, Mo.	290	222	230	214	Spokane, Wash.	44	55	59	42
St. Paul, Minn.	65	89	70	80	Tacoma, Wash.	38	43	40	37
Wichita, Kans.	52	55	40	54	San Juan, P.R.	25	24	(--)	(--)

\*Current Week Mortality for 108 Selected Cities

- 4(A) Total Mortality, all ages..... 11,247  
 4(B) Pneumonia-Influenza Deaths, all ages..... 406  
 4(C) Total Deaths under 1 Year of Age..... 747  
 4(D) Total Deaths, Persons 65 years and over..... 6,173

\*Estimate - based on average percent of divisional total.  
 Totals for previous weeks include reported corrections.



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TABLE 2  
POLIOMYELITIS FATALITIES BY DOSES OF INACTIVATED VACCINE AND AGE GROUP, UNITED STATES, 1962

Age Group	Doses of Inactivated Vaccine					Total Paralytic Cases	Case Fatality Rate(%)
	0	1-2	3	4+	Unknown		
0-4	11	0	0	3	1	15	338 4.4
5-9	2	1	1	3	0	7	139 5.0
10-19	5	4	2	0	0	11	96 11.5
20-29	5	0	0	0	1	6	52 11.5
30-39	4	0	0	0	0	4	36 11.1
40+	3	0	0	0	1	4	22 18.2
Total	30	5	3	6	3	47	683 6.9

As in past years, the paralytic case-fatality rate increased with age, showing a step-wise increase in the age groups 0-9 to 10-39 to over 40 years of age. The overall paralytic case-fatality rate of 6.9 per 100 compares with 9.3 in 1961, 9.5 in 1960, 8.3 in 1959, and 7.4 in 1958.

#### INTERNATIONAL NOTES - QUARANTINE MEASURES

##### International Certificates of Vaccination

Reports have been received by the Division of Foreign Quarantine of the U. S. Public Health Service that many persons traveling abroad have their immunizations recorded either on a physician's prescription blank or have the international vaccination document improperly completed. Consequently, in some instances, these travelers are being detained at international ports of entry.

International travelers should be warned that smallpox and cholera vaccinations, when required for international travel, must be recorded on the World Health Organization approved International Certificates of Vaccination form, and all information must be complete, including the "Approved Stamp", which is the stamp of the local or State Health Department. Other approved stamps include those of the Department of Defense, Public Health Service, and those special stamps issued by the latter agency.

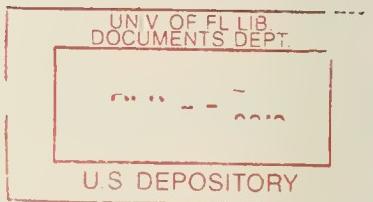
#### ERRATA

In the line listing of malaria cases aboard the *M/V Ranborg* (see MMWR, Vol. 12, p. 367), the onset date listed for Case No. 2, Chief Steward, is incorrect. It should read October 11 rather than October 4.

Two typographical errors appeared in the table listing the 12 most prevalent salmonella serotypes identified from human and non-human sources in the United States in MMWR, Vol. 12, page 348. The number of additional types of salmonella isolated from humans should read 92, not 82. Thus, the total number of different serotypes isolated is 104, as is correctly stated in the text. Also, the correct total for non-human isolations should be 3078, not 3978.

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor  
Morbidity and Mortality Weekly Report  
Communicable Disease Center  
Atlanta, Georgia 30333



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